

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,180,457 B2
APPLICATION NO. : 10/617620
DATED : February 20, 2007
INVENTOR(S) : Trott et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 54 delete "TED, mode," and replace with --TE₀₁ mode,--.

Column 3, line 67 delete "diagonal (D))" and replace with --diagonal (D)).--.

Column 4, line 11 delete "herein below" and replace with --hereinbelow--.

Column 5, line 14 delete "include but is not limited to a" and replace with --include, but is not limited to, a--.

Column 5, line 23 delete "the fin shaped" and replace with --fin-shaped--.

Column 6, lines 34-35 delete "including but not limited to the" and replace with --including, but not limited to, the--.

Column 6, line 51 delete "FIG. 1 portions" and replace with --FIG. 1, portions--.

Column 7, line 10 delete "to".

Column 7, line 26 delete "radiators" and replace with --radiator--.

Column 8, line 7 delete "appreciated two" and replace with --appreciated that two--.

Column 8, line 21 delete "herein after" and replace with --hereinafter--.

Column 8, line 24 delete "layer" and replace with --layers--.

Column 8, line 32 delete "In operations RF signals" and replace with --In operation, RF signals--.

Column 8, line 46 delete "wing" and replace with --using--.

Column 9, line 15 delete "layer" and replace with --layers--.

Column 9, line 16 delete "surface" and replace with --surfaces--.

Column 9, line 20 delete "surface" and replace with --surfaces--.

Column 9, line 23 delete "substrate" and replace with --substrates--.

Column 9, line 47 delete "The transition section 105'" and replace with --The transition sections 105'--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,180,457 B2
APPLICATION NO. : 10/617620
DATED : February 20, 2007
INVENTOR(S) : Trott et al.

Page 2 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, line 3 delete "the or RF" and replace with --the RF--.

Column 10, lines 17-18 delete "layer" and replace with --layers--.

Column 10, line 23 delete "600." and replace with --60°--.

Column 10, line 43 delete "metallization layer 120d the" and replace with --metalization layer 120d, the--.

Column 10, line 60 delete "In one embodiment the" and replace with --In one embodiment, the--.

Column 11, line 18-19 delete "appreciated the" and replace with --appreciated that the--.

Column 11, line 58 delete "In one embodiment the" and replace with --In one embodiment, the--.

Column 11, line 63 delete "For receive applications balum" and replace with --For receive applications, balun--.

Column 12, line 1 delete "cirucit" and replace with --circuit--.

Column 12, lines 17-19 delete "(previous discussion page 15 line 6 had less than --- guess this should be much shorter)".

Column 13, line 8 delete "As shown a" and replace with --As shown, a--.

Column 13, line 12 delete "theory the" and replace with --theory, the--.

Column 13, line 29 delete "properly the" and replace with --properly, the--.

Column 15, line 6 delete "a first air" and replace with --a first pair--.

Column 15, line 6 delete "s aced a art" and replace with --spaced apart--.

Column 15, line 26 delete "first air" and replace with --first pair--.

Column 17, line 23 delete "less the 3:1;" and replace with --less than 3:1;--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,180,457 B2
APPLICATION NO. : 10/617620
DATED : February 20, 2007
INVENTOR(S) : Trott et al.

Page 3 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 17, line 38 delete "less the 3:1; and" and replace with --less than 3:1; and--.

Column 17, line 53 delete "centersdjacent" and replace with --centers adjacent--.

Signed and Sealed this

Twenty Second Day of April, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office